

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	("5982898" or "2002013762" or "20020069188" or "5923884" or "5796841").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 18:02
S1	17802	713/150,155-158,168-169,175-176, 178,600.ccls. or 380/277-280,286.ccls. or 705/50-52,64,65,71,77-78, 1,13,32,400,403,412,418.ccls. or 726/2-7,10,16-19.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/15 15:36
S2	8173	S1 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:46
S3	144662	(assert\$4 or certificate or polic\$3 or key or verification or validatio) with (creat\$3 or revok\$3 or generat\$3 or mak\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 12:42
S4	18198	S3 and (meter\$3 or manag\$3 or \$2allocat\$3) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 14:30
S5	10153	S4 and (repository or pool or store or storage) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 12:45
S6	5185	S5 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 12:43
S7	479	S2 and S6	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 12:44

## EAST Search History

S8	172	S7 and (remain\$3 or extra\$3) with (time or period or minute or hour)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 12:45
S9	220	S7 and (refund\$3 or add\$3 or restor\$3) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:06
S10	93	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 12:46
S11	61483	(refund\$3 or add\$3 or restor\$3 or credit) with (remain\$3 or unused or "not used" or excess or spare) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:56
S12	29941	S11 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:57
S13	39	S12 and (certificate or assertion) with (generat\$3 or creat\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:08
S14	18218	(refund\$3 or add\$3 or restor\$3 or credit) with (unspent or remaining) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:23
S15	10230	705/50-52,64,65,71,77-78,1,13,32,400,403,412,418.ccls. or 726/2-7,10,16-19.ccls. and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:39

## EAST Search History

S16	62	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:40
S17	258	("roll over" or "rollover") with (remain\$3 or unused or "not used" or excess or spare) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:57
S19	258	("roll over" or "rollover") with (remain\$3 or unused or "not used" or excess or spare or unspent) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:57
S20	124	S19 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 14:58
S21	209	(certificate with key) with (expiry or expiration) and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:18
S22	17	S21 and (refund\$3 or add\$3 or restor\$3 or credit\$3 or "roll over" or rollover) with (unused or "not used" or excess or spare or remain\$3 or unspent) with (time or minute or period or second or hour or day or year or month)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:20
S23	258	("roll over" or "rollover") with (remain\$3 or unused or "not used" or excess or spare) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:22
S24	124	S23 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:22

## EAST Search History

S25	17802	713/150,155-158,168-169,175-176,178,600.ccls. or 380/277-280,286.ccls. or 705/50-52,64,65,71,77-78,1,13,32,400,403,412,418.ccls. or 726/2-7,10,16-19.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:23
S26	8173	S25 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:23
S27	18218	(refund\$3 or add\$3 or restor\$3 or credit) with (unspent or remaining) with (time or period or second or minute or hour or day or month or year or lifetime)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:23
S28	45	S27 and S26	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 16:25
S29	2	"20020103762".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 13:06
S30	42847	(determin\$3 or monitor\$3) with (\$2sufficient or threshold) with (credit or time or money)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 14:35
S31	24458	S30 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:46
S32	147	S31 and (notif\$3 or alert\$3) with (user or customer) with (\$2sufficient or threshold)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 14:32

## EAST Search History

S33	34	S32 and (add\$3 or purchas\$3) with (credit or money or time)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 14:33
S34	662	(determin\$3) with (\$2sufficient) with (credit)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 14:36
S35	280	S34 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 14:36
S36	11	S35 and (purchas\$3 with additional with credit)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 14:37
S37	1162	determin\$3 with insufficient with (credit or time)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/14 12:49
S38	606	S37 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/14 12:49
S39	17802	713/150,155-158,168-169,175-176, 178,600.ccls. or 380/277-280,286. ccls. or 705/50-52,64,65,71,77-78, 1,13,32,400,403,412,418.ccls. or 726/2-7,10,16-19.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/14 12:49
S40	8173	S39 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/14 12:49

## EAST Search History

S41	9	S38 and S40	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/14 12:49
S42	6	("5982898" or "20020103762" or "20020069188").pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/15 15:25
S43	2	"5138650".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/15 15:36
S44	19881	713/150,155-158,168-169,175-176, 178,600.ccls. or 380/277-280,286. ccls. or 705/50-52,64,65,71,77-78, 1,13,32,400,403,412,418.ccls. or 726/2-7,10,16-19.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:46
S45	709	S44 and (certificate with manag\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:46
S46	312	S45 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:47
S47	145	S46 and (refund\$3 or credit\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:51
S48	22	S46 and (refund\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 14:51

## EAST Search History

S49	5655	(713/150,155-158,170-173, 175-176.ccls. or 726/2-6.ccls. or 380/277-279,285,30.ccls. or 705/50-52.ccls.) and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 11:13
S50	70798	(sell\$3 or purchas\$3 or buy\$3) with (time or credit or minute or period or hour or second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 11:14
S51	1540	S50 and (certificate with (public adj key))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 11:14
S52	525	S51 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 11:14
S53	50	S52 and ((subtract or deduct\$3 or decrment\$3) with (time or credit or minute or period or hour or second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:33
S54	50	S53 and ((credit\$3 or add\$3 or refund\$3) with (time or credit or minute or period or hour or second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:38
S55	20	S54 and (certificate with (\$4time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:21
S56	0	S55 and ((revok\$3 or revocation) with certificate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:33

## EAST Search History

S57	4	S54 and ((revok\$3 or revocation) with certificate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:37
S58	13	S53 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:33
S59	358	S49 and ((revok\$3 or revocation) with certificate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:37
S60	211	S59 and ((credit\$3 or add\$3 or refund\$3) with (time or credit or minute or period or hour or second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:38
S61	160	(digital adj certificate) and ("prepaid" or "pre-paid") with (\$4phone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:18
S62	10	S61 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:18
S63	15	(digital adj certificate) and ("prepaid" or "pre-paid") with (minutes))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:18
S64	0	S63 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:19

## EAST Search History

S65	421	((("prepaid" or "pre-paid") with (minutes)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:18
S66	130	S65 and @ad<"20010628"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:19
S67	86	S66 and (credit or refund)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:20
S68	0	S67 and (erod\$3 with (time or minute))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:19
S69	18	S67 and (expir\$3 with (time or minute))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:21
S70	0	S69 and (public adj key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:21
S71	2	S67 and (public adj key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 15:21